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AUTHOR: (8) Miškovský, Jiří Doctor

TITLE: (6) Manufacture of pure powder nickel

JOURNAL: (15) TRANS. FROM
Hutník, no. 3, 1962, 149-150

TEXT: The method, for which J. Kalouč and V. Dlouhý have obtained the C.S. patent No. 88.292, is based on electrolysis, employing a mercury cathode. The method is not sensitive to pH or current density in a wide range. The electrolysis can be carried on until the Ni amalgam solidifies. The mercury is distilled off and the powder (sometimes obtained as a brittle cake) of particle size between 0.2 to 5 microns is obtained. The shape of the particles tends to be roundish. The chemical impurities are: 0.002% Al, 0.012% Fe, 0.001% Mg, 0.001% Cu, 0.002% Si and 0.002% Mn.

ASSOCIATION: VÚK, Pomenské, Břežany

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